



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*In re application of:*

SCHWIETERS et al.

Serial No. 10/618,285

Filed: July 11, 2003

For: DEVICE FOR COLLECTING IONS IN A  
MASS SPECTROMETER

Examiner: Unknown

Group Art Unit: Unknown

INFORMATION DISCLOSURE  
STATEMENT

Dated: October 15, 2003

**CERTIFICATE OF MAIL (37 CFR 1.8(a))**

*I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 15, 2003.*

Signed:

Lori Cox

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is hereby submitted in accordance with 37 CFR 1.98 and pursuant to Applicant's continuing duty under 37 CFR 1.56 to bring any information which may be material to patentability of this application to the Examiner's attention.

Applicant makes no representation that a complete search has been conducted by the Applicant, or that there is not possibly more relevant art. Applicant also makes no representation that the information submitted herewith is in fact material. The subject application is believed patentable over any of the references listed on the attached PTO 08A and 08B form.

This Information Disclosure Statement is being filed before the mailing of a first office action of the application filing in accordance with 37 C.F.R. §1.97(b)(4); accordingly, no fees are required. However, the Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No.50-2319 (Order No. A-72227/AJT (466984-20)).

Respectfully submitted,

Aldo J. Test, Reg. No. 18, 048

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PTO/SB/8A (08-00)

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				<i>Complete if Known</i>			
				<b>Application Number</b>	10/618,285		
				<b>Filing Date</b>	July 11, 2003		
				<b>First Named Inventor</b>	Johannes SCHWIETERS		
				<b>Group Art Unit</b>	Unknown		
				<b>Examiner Name</b>	Unknown		
<b>Sheet</b>	<b>1</b>	<b>of</b>	<b>2</b>	<b>Attorney Docket Number</b>	A-72356/AJT (466984-22)		
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number Kind Code <sup>2</sup> (if known)					
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	T <sup>6</sup>
		Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>2</sup> (if known)					
B-1	DE	198 38 553 A 1		Finnigan MAT GmbH			No
B-2		102 38 347.2-33			09.11.2002	German investigation	No
Examiner Signature					Date Considered		

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>			
				Application Number		10/618,285	
				Filing Date		July 11, 2003	
				First Named Inventor		Johannes SCHWIETERS	
				Group Art Unit		Unknown	
Examiner Name		Unknown					
Sheet	2	of	2	Attorney Docket Number	A-72356/AJT (466984-22)		
<b>OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>		
	C-1	Triton Neptune, "Multicollector Mass Spectrometers for High Precision Isotope Ratio Determination", Thermo Finnigan Brochure, 13 pages.					
	C-2	S. RICHTER, U. OTT, F. BEGEMANN, "Multiple Ion Counting in Isotope Abundance Mass Spectrometry", International Journal of Mass Spectrometry and Ion Processes 136 (1994), pp. 91-100.					
	C-3	S. GOLDBERG, S. RICHTER, R. ESSEX, P. MASON, J. SCHWIETERS, "Improved Environmental and Forensics Measurements Using Multiple Ion Counters in Isotope Ratio Mass Spectrometry", U.S. Department of Energy, by Thermo Finnigan MAT, pp. 1-8.					
	C-4	S. RICHTER, P. MASON, S. GOLDBERG, R. ESSEX, R. THOMAS, P. CROATTO, J. SCHWIETERS, T. LUETZEIER, "Improvements for Environmental and Forensics Measurements Using Multiple Ion Counters in Isotope Ratio Mass Spectrometry", Paper presented at the 226 <sup>th</sup> ACS National Meeting, New York, September 7-11, 2003.					
	C-5						
	C-6						
	C-7						
	C-8						
	C-9						
	C-10						
Examiner Signature			Date Considered				

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